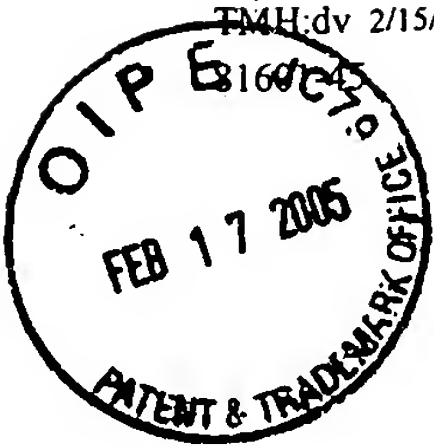


PATENT

Attorney Reference Number 4810-69922-01



TMH:dv 2/15/05 4810-69922-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Rozwadowski and Lydiate

Application No. 10/516,779

Filed: December 3, 2004

Confirmation No. _____

For: RETRONS FOR GENE TARGETING

Examiner: Not yet assigned.

Art Unit: _____

Attorney Reference No. 4810-69922-01

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I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney
for Applicant(s) _____

Tanya M. Harding, Ph.D.

Date Mailed February 15, 2005

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TRANSMITTAL LETTER

Enclosed for filing in the application referenced above are the following:

- ☒ Information Disclosure Statement
☒ Form 1449 and 10 references cited thereon

The Director is hereby authorized to charge any additional fees that may be required, or credit over-payment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed. Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

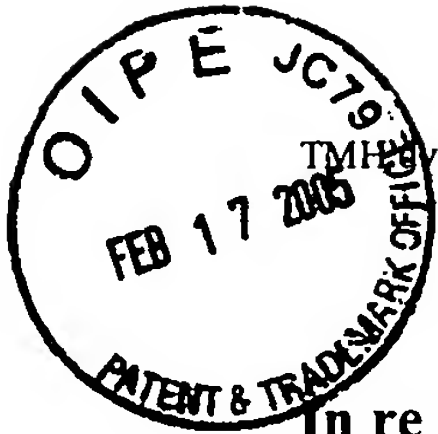
KLARQUIST SPARKMAN, LLP

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cc: Docketing



02/15/05 4810-69922-01 81601-45

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INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)(2)

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Applicants are filing this Information Disclosure Statement ("IDS") within three months of the filing date of a national stage as set forth in § 1.491 in an international application. It is believed that no fee is due to file this IDS. If the Commissioner determines that a fee is due, Deposit Account authority is provided on the accompanying transmittal letter. The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

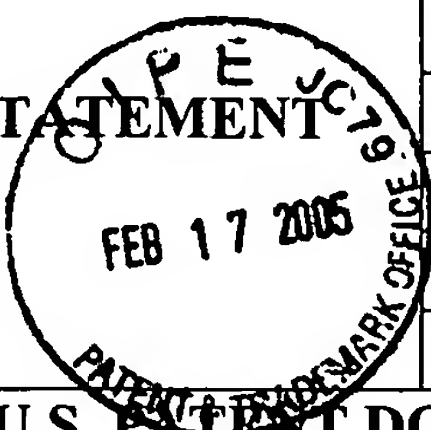
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT



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Filing Date	December 3, 2004
First Named Inventor	Rozwadowski
Art Unit	Not yet assigned
Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		Europe	0 532 380 A2	17.03.93	Miyata <i>et al.</i>

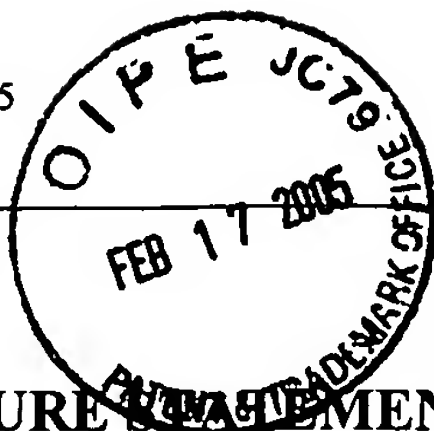
OTHER DOCUMENTS

Examiner's Initials*	Cite No. (optional)	
		Datta and Glazer, "Intracellular generation of single-stranded DNA for chromosomal triplex formation and induced recombination," <i>Nucleic Acids Research</i> 29(24):5140-5147 (2001)
		Fujioka <i>et al.</i> , "Targeted recombination with single-stranded DNA vectors in mammalian cells," <i>Nucleic Acids Research</i> 21(3):407-412 (1993)
		Inouye <i>et al.</i> , "In vivo production of oligodeoxyribonucleotides of specific sequences: application to antisense DNA," <i>CIBA Foundation Symposium. Netherlands</i> 209:224-233 (1997)

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		Kren and Steer, "The application of DNA repair vectors to gene therapy," <i>Current Opin. Biotech.</i> 13:473-481 (2002)
		Mao <i>et al.</i> , "Gene Regulation by Antisense DNA Produced <i>in vivo</i> ," <i>J. Biol. Chem.</i> 270(34):19684-19687 (August 25, 1995)
		Mirochnitchenko <i>et al.</i> , "Production of Single-stranded DNA in Mammalian Cells by Means of a Bacterial Retron," <i>J. Biol. Chem.</i> 269(4):2380-2383 (January 28, 1994)
		Miyata <i>et al.</i> , "In vivo production of a stable single-stranded cDNA in <i>Saccharomyces cerevisiae</i> by means of bacterial retron," <i>Proc. Natl. Acad. Sci. USA</i> 89:5735-5739 (July 1992)
		Russell and Hirata, "Human gene targeting by viral vectors," <i>Nature Genetics</i> 28:325-330 (April 1998)
		Taubes, "The Strange Case of Chimeraplasty," <i>Science</i> 298:2116-2120 (December 13, 2002)

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